

What is claimed is:

1. A multi-hull apparatus having an axis coincident with the direction of travel comprising, said apparatus comprising:
 - at least one starboard hull section having a bow section and a stern wave section;
 - 5 wherein said bow section and said stern section are substantially equal; and
 - at least one port hull section having a bow section and a stern section; wherein
 - said bow section and said stern section are also substantially equal; and
 - wherein said at least one starboard hull section and said at one port hull
 - section are also substantially equal thus making said apparatus bilaterally
 - 10 symmetrical as well as fore and aft symmetrical when viewed amidships; and
 - each bow section and each stern section of said at least one starboard and port
 - sections further comprising more than three triangular panels meeting a
 - common point such that the common point of each said bow section and said
 - each said stern section of each said hull sections are aligned to prove a hull
 - 15 section axis that is substantially parallel to the axis of the direction of travel.
2. The apparatus of claim 1 wherein each said hull section has at least one row of propulsion units.
3. The apparatus of claim 1 wherein each said hull section has at least one sail and mast assembly to propel said multi-hull apparatus.
- 20 4. The apparatus of claim 1 further comprising a superstructure interconnecting section disposed between said at least one starboard and port hull sections.
5. The multi-hull apparatus of claim 3 wherein said center hull sections further comprises sufficient ballast below the centerline of said apparatus such that if

said apparatus is turned bottom-side up, said apparatus will return to bottom-side down by itself.

- 5 6. The apparatus of claim 2 wherein said at least one propulsion unit further comprises at least one hydropneumatic cylinder that can position said at least one propulsion unit at various angles of attack relative to the hull section axis that said at least one propulsion is attached thereto.
7. The apparatus in claim 5 wherein said at least one propulsion unit is an electric motor.
- 10 8. The apparatus in claim 5 wherein said at least one propulsion unit is powered by a diesel engine connected to at least one propeller.
9. The apparatus in claim 5 wherein said at least one propulsion unit is powered by a gasoline engine connected to at least one propeller.
10. The apparatus in claim 5 wherein said at least one propulsion unit is water jet impeller.